

ABSTRACT OF THE DISCLOSURE

In reagent reaction experiments using microplates, the operator cannot just set dispensing tips in all the fixing holes of the dispensing tip container. It is
5 necessary to carry out the time-consuming task of deciding in advance on a suitable arrangement of positions for the dispensing tips. It is also necessary for the operator to carry out the time-consuming task of determining in advance the quantity of reagent used and how the reagent is to be
10 arranged. These problems are solved by providing a control device that includes a dispensing tip arrangement calculator and reagent quantity and arrangement calculator, and that can inform the operator of these results. The dispensing tip arrangement, the reagent quantity used, and the reagent
15 arrangement is calculated from the information set in advance on specific reagent, the quantity of reagent dispensed into one well of the microplate, the range of wells in the microplate into which reagent is dispensed, and the direction of dispensing.